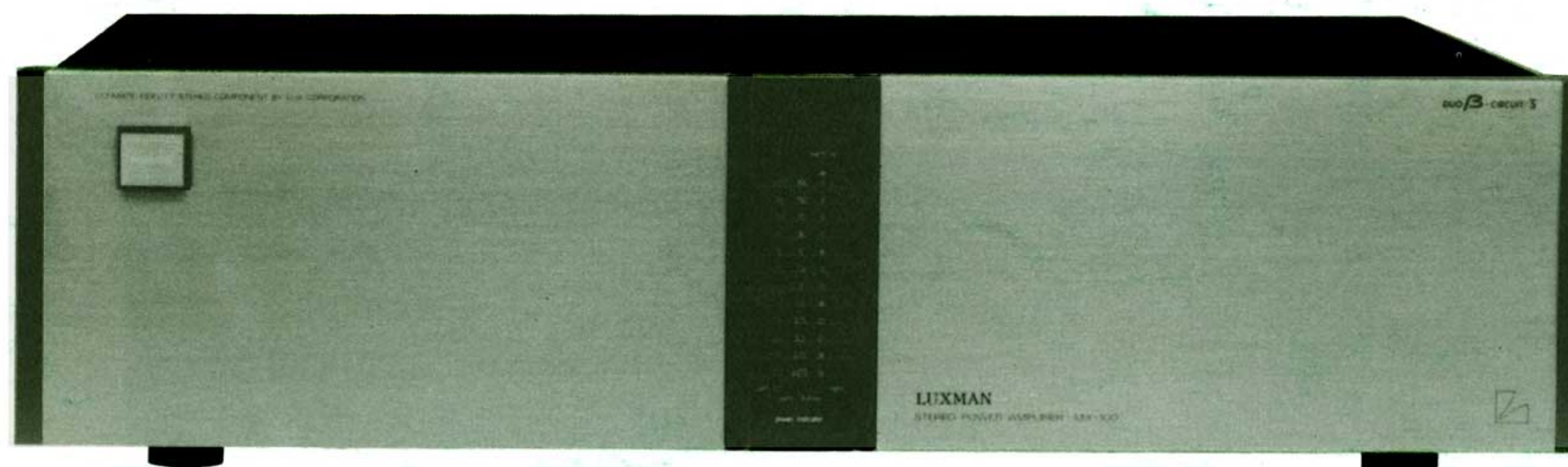


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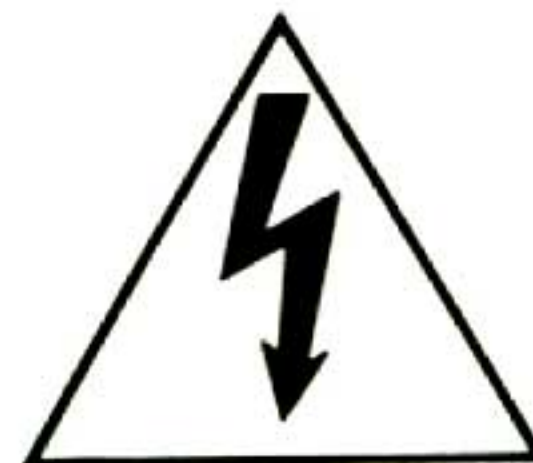
MX-100 OWNER'S MANUAL



CONTENTS

- SWITCHES & TERMINALS 1•2
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WARNING: To prevent fire or shock hazard do not expose this appliance to rain or moisture.

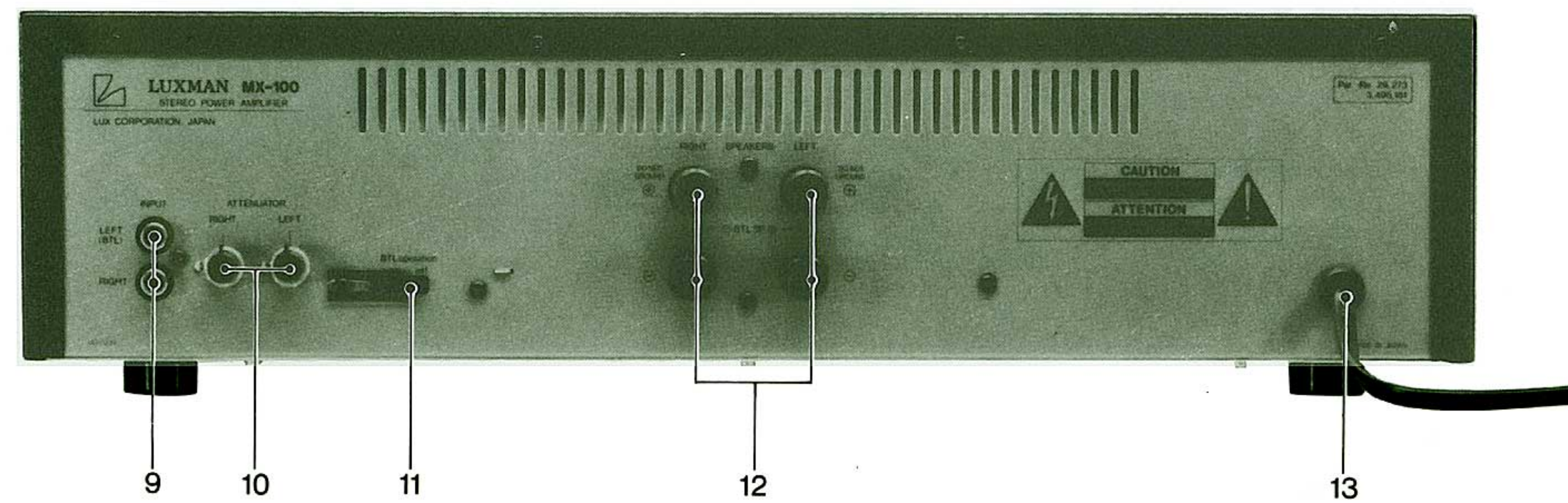
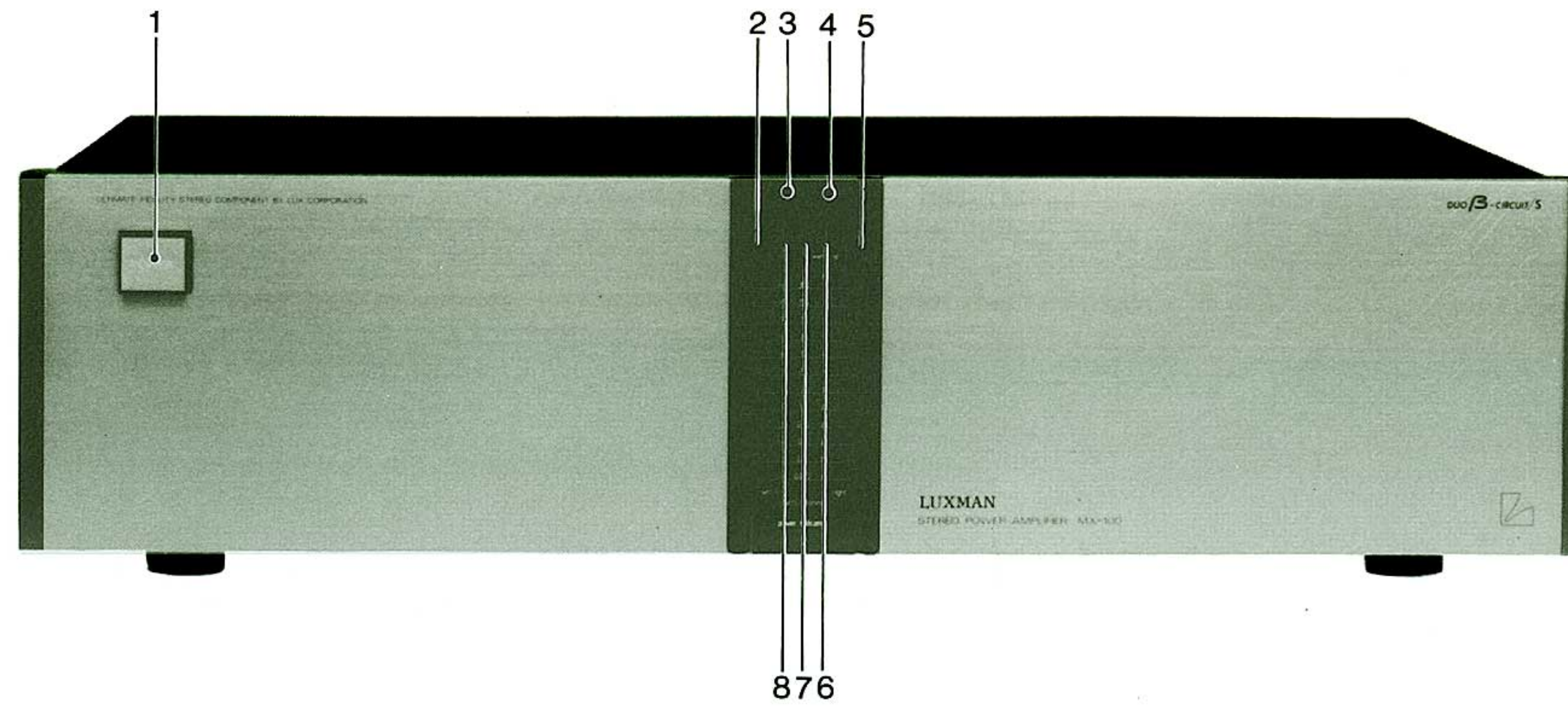


The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating instructions in the literature accompanying the appliance.

SWITCHES & TERMINALS



1. Power Switch

The push-type switch will turn the power on and off. When it is depressed and the power is on, the power indicator (2, 5) and warm-up indicator (4) will illuminate. The time delay muting circuit will be on for approximately 7 seconds. The warm-up indicator will go off when the amplifier is fully warmed up.

2, 5, 6, 7, 8. Power Level Indicators

With 12 per channel, the red LEDs (light emitting diodes) display instantaneous peak levels. The output level in stereo dB (-33 to +3), stereo wattage (0.075 to 300W), and BTL wattage (0.15 to 600W) will be displayed.

3. BTL Operation Indicator

When the BTL switch on the rear panel is switched on, the indicator will illuminate to denote that the amplifier is in bridged, monaural mode.

4. Warm-Up Indicator

It illuminates when the power switch is turned on and stays on while the amplifier warms up.

9. Input Terminals

Accept output from pre-amplifier, noise-reduction, graphic equalizer, or other system.

10. Input Level Controls (ATTENUATOR)

The controls adjust the input to match input sensitivity.

11. BTL (bridged amplifier) Switch

When the switch is in the "on" position, the indicator on the front panel will be on. The amplifier will then be in the bridged, monaural mode.

12. Speaker Terminals

Accept one 2-speaker system for stereophonic sound reproduction. For monaural sound reproduction, accept one speaker. (See Speaker Connections).

13. AC Power Cord

Connect the plug to an AC power supply source.

Stereo Operation**Input terminals**

1. Connect the output terminals of a pre-amplifier, noise-reduction, graphic equalizer, or other audio system to the input terminals of the MX-100.
2. Adjust the input sensitivity, if necessary, using the input level controls marked "ATTENUATOR" on the rear panel.

Speaker Connections

The MX-100 accepts a pair of speakers. Using heavy-gauge quality speaker cables (available at most hi-fi stores), connect speaker leads to the terminals matching left to left, right to right, (+) to (+) and (-) to (-).

Wiring Connection

1. Cut away about 10mm of vinyl coating from the end of speaker cable and twist the loose wires.
2. Turn the knob on the speaker terminals counter-clockwise. Insert the twisted bare speaker wire into the opening inside. Secure the wire by turning the knob clockwise until it is tight.

AC Power Cord

When the wiring connections are properly made, plug the power cord to an AC power outlet where power is always on.

Monaural Operation**Input Terminals**

1. Connect the right channel output from your pre-amplifier to the LEFT (BTL) INPUT terminal of MX-100.
2. If you have another MX-100 for the left channel, connect the left channel output from your pre-amplifier to the LEFT (BTL) INPUT terminal of your second MX-100.
3. Adjust the input sensitivity, if necessary, using the control marked "ATTENUATOR" "LEFT" on the rear of both MX-100's.
4. Set the BTL operation switch on both MX-100's to "on."

Speaker Connections

1. Connect the right channel speaker to your first MX-100. Using a heavy-gauge quality speaker cable (available at most hi-fi stores), connect the (+) speaker lead to the red LEFT speaker terminal, and the (-) speaker lead to the red RIGHT speaker terminal on the MX-100.
2. If you are using another MX-100 for left channel, connect your left channel speaker leads to the second MX-100 following the steps above.

Wiring Connection

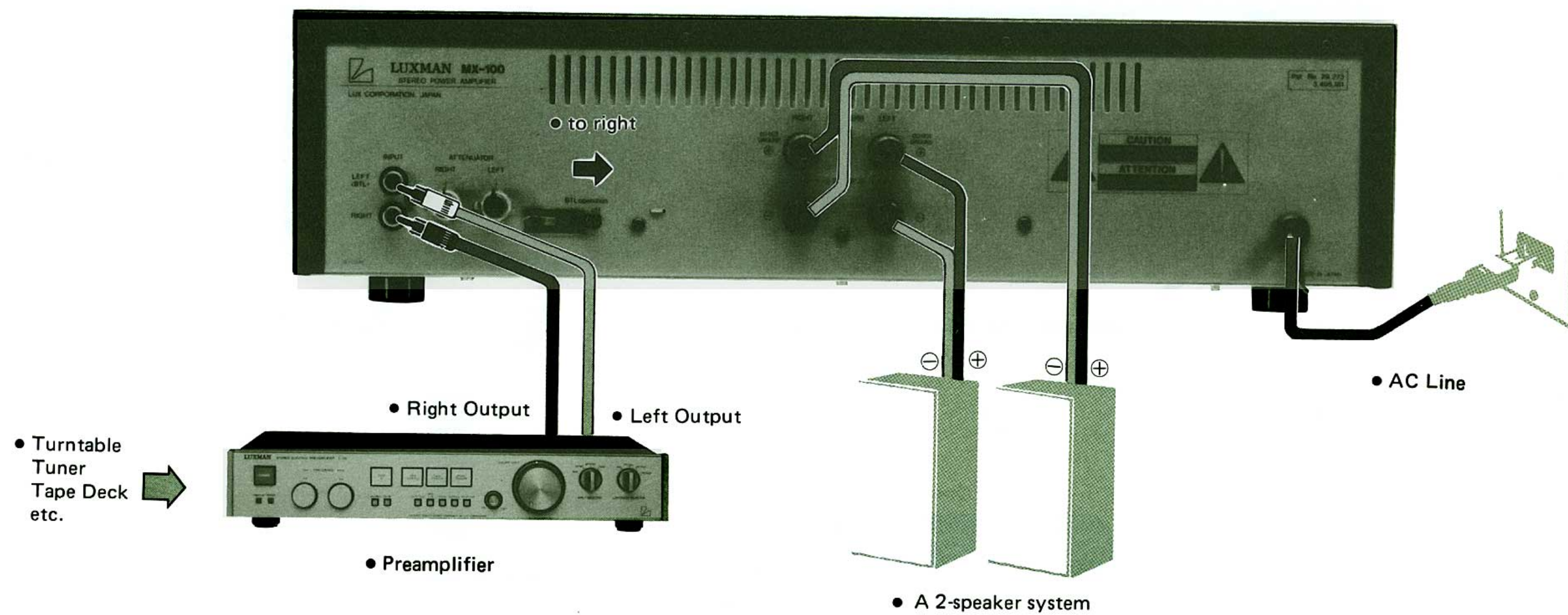
See "Stereo Operation".

AC Power Cord

See "Stereo Operation".

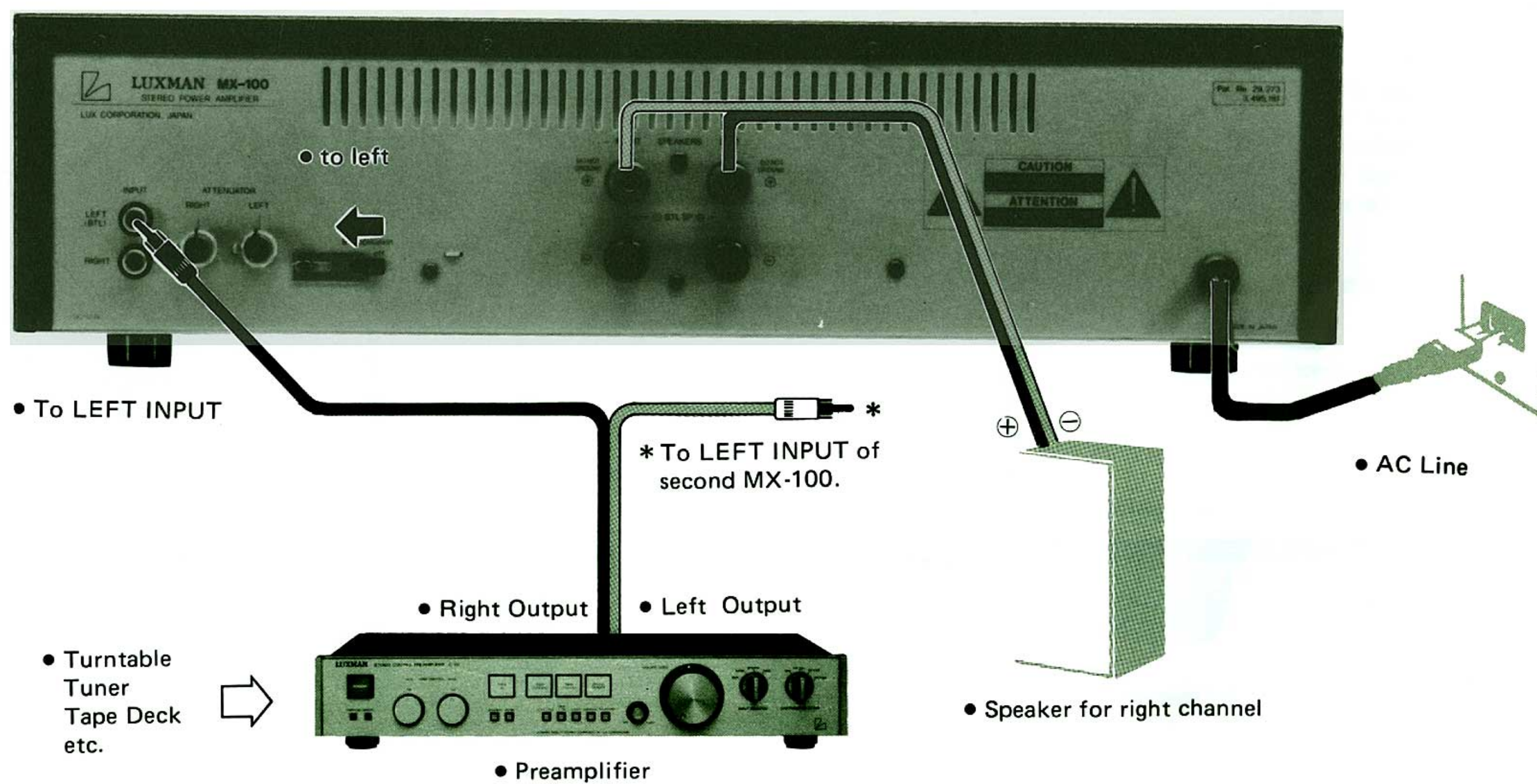
CONNECTION PROCEDURES

STEREO



CONNECTION PROCEDURES

MONAURAL (Bridged)



SPECIFICATIONS

Power Output Stereo:	8 Ohm 1kHz 150W 0.012%
	8 Ohm 20—20kHz THD 140W 0.012%
BTL Power Out:	8 Ohm 320W
Power Bandwidth:	8 Ohm Half Rated Power 10~100kHz -1dB
Input Sensitivity/Impedance:	8 Ohm Rated Power 1.2V/45k Ω
Frequency Response:	5~100kHz -1dB
Signal-to-Noise Ratio:	120dB
Intermodulation Distortion:	0.012%
Channel Separation:	8 Ohm Half Rated Power 1kHz 90dB
(Input Shorted)	

GENERAL

Power Consumption:	120V 4A
Dimensions:	453mm(W) x 141mm(H) x 336mm(D) (17.8"(W) x 5.6"(H) x 13.2"(D))
Weight:	Net 14.5kgs (31.9 lbs.)

* Specifications and appearance design are subject to change without notice.

LUXMAN
DIVISION OF ALPINE ELECTRONICS OF AMERICA, INC.

19145 GRAMERCY PLACE, TORRANCE, CALIFORNIA 90501

P. O. BOX 2859, TORRANCE, CALIFORNIA 90509

PHONE: (213) 326-8000

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